



DETROIT DISTRICT
U.S. ARMY CORPS OF ENGINEERS
CELRE-HH-W
477 MICHIGAN AVENUE
DETROIT, MICHIGAN 48226

June 2015 GREAT LAKES WATER LEVEL SUMMARY

LAKE SUPERIOR

Lake Superior continued its seasonal rise in June. Its monthly mean level of 602.46 ft in June was 4 inches higher than its mean level in May. In addition, the lake's June mean level was 1 inches above its level of a year ago, 16 inches above chart datum, and 7 inches above its long-term average (LTA). The Lake Superior basin received precipitation that was 9% below its average June precipitation, and has experienced near average precipitation over the last 12 months. The Lake Superior level is projected to be 10 to 18 inches above chart datum over the next 6 months. The lake is predicted to remain above its level of a year ago through July, but then fall to 0 to 5 inches below last year's levels through December. Lake Superior's level is forecasted to be 3 to 7 inches above LTA over the next 6 months.

LAKE MICHIGAN-HURON

Lake Michigan-Huron continued its rise in June. Its mean level rose 4 inches in June, from 579.36 ft to 579.66 ft. The lake's level was 6 inches above average, 26 inches above chart datum and 12 inches above its level of a year ago. June was the tenth consecutive month with above average water levels after a 15 year stretch of continuously below average conditions. Lake Michigan-Huron received 3.59 inches of precipitation in June, which was about 13% above its average for the month. It has experienced average precipitation during the past 12 months. Over the next six months, Lake Michigan-Huron is projected to be 0 to 11 inches above last year's levels, and 6 to 8 inches above LTA over the next 6 months. In addition, the lake is predicted to be 20 to 28 inches above chart datum through November.

LAKE ST. CLAIR

Lake St. Clair continued its seasonal rise in June. Lake St. Clair's mean water level rose 8 inches in June to a level of 575.52 ft. The lake's mean level in June was 8 inches above its level of a year ago and 10 inches above LTA. Lake St. Clair is forecasted to be 0 to 9 inches above last year's levels over the next 6 months. Lake St Clair is also forecasted to be 9 to 13 inches above its LTA through December.

LAKE ERIE

Lake Erie continued its seasonal rise in June as its mean level rose 8 inches from 571.88 ft in May to 572.57 ft in June. The lake's June mean was 5 inches above last year's mean level and 7 inches above its LTA. Based on provisional data, a new rainfall record of 6.75 inches for the month of June was set in the Lake Erie basin. This correlates to 195% of the June average and the basin is now near average for rainfall over the past 12 months. Lake Erie is projected to be 2 to 10 inches above its level of a year ago through December. In addition, the lake is expected to be 9 to 14 inches above its LTA through November.

LAKE ONTARIO

Lake Ontario's continued its seasonal rise in June. Its monthly mean level of 246.10 ft was 8 inches higher than its mean level in May. The lake's June level was 6 inches lower than its level of a year ago and 2 inches below its LTA. The Lake Ontario basin received 79% more than its average June precipitation, but has experienced only 90% of average precipitation over the past 12 months. Lake Ontario is projected to be 1 to 4 inches above last year's level through December. In addition, the lake is forecasted to be 0 to 7 inches above LTA through November and 2 inches below LTA in December.